KENWOOD

KENWOOD

KENWOOD

KENWOOD

KENWOOD

KENWOOD

KENWOOD

KENWOOD

From its inception, Kenwood has directed its energies toward the highest goals. It began in 1946 when a group of Japanese engineers, dedicated to quality without question, formed Trio-Kenwood for the purpose of manufacturing state-of-the-art radio equipment. Within three years, Trio-Kenwood products were considered standards of the industry.

The quest continued. In less than a decade, Kenwood was producing a large variety of amplifiers, short wave transmitters, and the most advanced electronic test equipment—scopes, sweep generators, audio oscillators. The outlet for these critically precise devices was a seedling industry—the home high fidelity market.

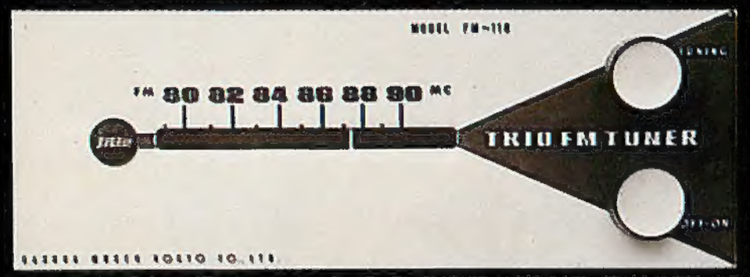
Today: *New highly automated manufacturing facility.*

1946: *Kenwood's first factory.*

Home high fidelity exploded—and Kenwood was ready. A giant new plant, staffed with the finest research personnel and equipped with the industry's best manufacturing tools, was constructed primarily to produce quality audio componentry. By 1957, Kenwood had developed and marketed Japan's first FM tuner, and shortly thereafter exported Japan's first FM receiver to the United States.

The quest continued. The transistor, with its accuracy and flexibility, so broadened the scope of sound reproduction that Kenwood quickly committed to this innovation. In 1962, Kenwood developed and produced Japan's first all-transistor stereo integrated amplifier, a milestone that set an entire new trend in audio equipment design.

From Kenwood laboratories came one major development after another. The first photo-electric phono cartridge. The dual power supply integrated amplifier. The DC integrated amplifier. The Pulse Count FM detector found in Kenwood's award winning KT-917 Stereo Tuner. And an amazing new technology that totally redefined the parameters of audio purity—HI-SPEED™ amplification, exemplified in the KA-907 DC Integrated Amplifier.



1957: *The first FM tuner developed and manufactured in Japan.*

1962: *The first all-transistor stereo integrated amplifier manufactured in Japan.*

Today: *KT-917 FM Stereo Tuner, winner of Audio Video Magazine's Grand Prix Award.*

Today: *KA-907 HI-SPEED™ DC Integrated Amplifier.*

Today, Kenwood still pursues its original objective—perfect balance in sound reproduction from source to sense. The precision products presented in this catalog bear the Kenwood mark—the sun and the tree. They are the end result of our experience, energy and dedication to providing sound reproduction that approaches perfection.

HI-SPEED™

Distortion is the ultimate degrader of sound reproduction quality. From the beginning, audio engineers have sought its elimination.

Kenwood has set many precedents in distortion reduction design. *Dual power supplies,* for instance, neatly solved the transient crosstalk problem. A Kenwood *DC circuit* that provided a delay-free path through the amplifier for all frequencies conquered phase shift distortion. And more recently *Zero Switching* amplifier circuitry at the output stages has virtually eliminated crossover distortion.

Yet, with all distortion reduction techniques employed, tonal quality—the final criterion of audio accuracy—revealed that audible distortion still existed during complicated and abrupt musical passages.

After developing new test methods and equipment, Kenwood discovered the reason: no amplifier was yet capable of changing voltage to the speakers quickly enough to avoid distortion during sound stress conditions. Their slew rates—the measurement of an amplifier's quickness during complex voltage pulses—were not fast enough. The result: the old adversary, distortion.

Maximizing slew rate—increasing top amplifier speed—became Kenwood's main objective. After intense research, Kenwood perfected a precisely balanced system of amplifier components that has increased amplifier speed four to ten times—a fact conclusively confirmed by independent laboratory tests. *The Kenwood HI-SPEED™ age was born.*

Compare the performance of Kenwood HI-SPEED™ amplifiers with any other amplification system, using any speaker that satisfies your ear. Listen for the sharply defined cymbals, the transient rap of the snare drums and the full richness of a soprano soloist. Your discovery will match ours—the dramatic open sound and overall clarity delivered by Kenwood HI-SPEED™ amplification is unequalled.

Receivers

KR-770 Quartz Synthesizer HI-SPEED™ DC Stereo Receiver

This new state-of-the-art receiver combines all of Kenwood's outstanding performance features along with a remarkable digital tuner. Quartz-referenced frequency synthesized tuning makes FM and AM selection easier and more precise than it has ever been before.

- ☐ 80 watts per channel, min. RMS, both channels driven at 8 ohms, 20 Hz-20 kHz, with less than 0.02% total harmonic distortion.
- ☐ HI-SPEED™ DC amplifier for unprecedented musical clarity and crispness.
- ☐ Zero Switching with Dynamic Bias Current virtually eliminates crossover distortion.
- ☐ Auto-Scan fully-automated digital tuning.
- ☐ Quartz frequency synthesizer guarantees exact center channel AM/FM tuning for reduced distortion.
- ☐ Digital memory presets for 12 stations: 6 AM and 6 FM.
- ☐ Wide/Narrow IF bands assure optimum FM reception.
- ☐ Graphic equalizer matches components to room acoustics.
- ☐ Noise-free phono section: 91dB signal-to-noise ratio.
- ☐ Deluxe color-coded LED indicators; cabinet included.

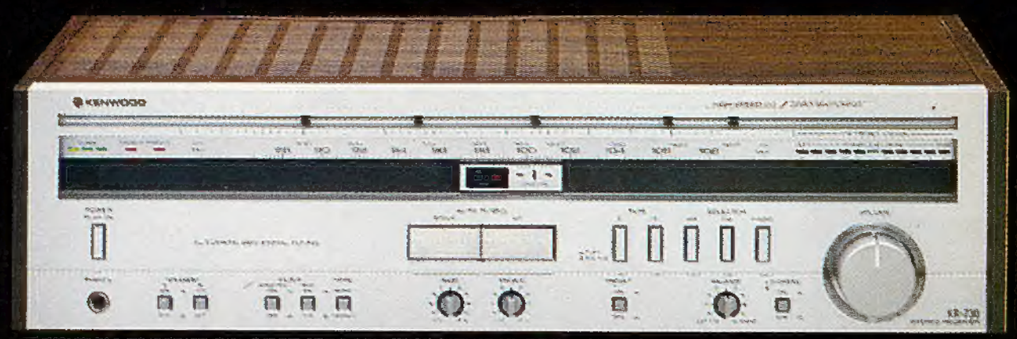
There are many fine stereo receivers available today, but none that give as much as Kenwood's.

Engineering-minded buyers will talk about our HI-SPEED™ amplifier that is literally impervious to transient intermodulation distortion. And our Zero Switching circuitry which reduces crossover distortion to inaudible levels. But all buyers will be impressed by the total pleasure a Kenwood gives.

KR-750 Auto-Tuning HI-SPEED™ DC Stereo Receiver

Slim and sophisticated in design, yet simple to use. Merely touch one of the two tuning bars—there is no tuning knob—and the Auto-Scan unit automatically glides to the nearest active channel and Servo-Lock tunes it.

- ☐ 60 watts per channel, min. RMS both channels driven at 8 ohms, 20 Hz - 20 kHz, with less than 0.02% total harmonic distortion.
- ☐ HI-SPEED™ DC amplifier for unprecedented musical clarity and crispness.
- ☐ Zero Switching with Dynamic Bias Current virtually eliminates crossover distortion.
- ☐ Auto-Scan fully automated AM/FM tuning with digital frequency readout and analog scale.
- ☐ Touch-Sensor Servo-Lock tuning automatically locks in FM stations.
- ☐ Star Tracer green light indicates exact AM and FM tuning.
- ☐ Five FM memory presets.
- ☐ Wide/Narrow IF bands assure optimum FM reception.
- ☐ Noise-free phono section: 91dB signal-to-noise ratio.
- ☐ Color-coded LED power and tuning indicators; cabinet included.



KR-730 Auto-Tuning HI-SPEED™ DC Stereo Receiver

It has fully-automated tuning along with the advanced features and distortion-free performance that set Kenwood apart. There's also plenty of power to handle the peak demands of most speaker systems.

- ☐ 42 watts per channel, min. RMS both channels driven at 8 ohms, 20 Hz - 20 kHz, with less than 0.03% total harmonic distortion.
- ☐ HI-SPEED™ DC amplifier for unprecedented musical clarity and crispness.
- ☐ Zero Switching with Dynamic Bias Current virtually eliminates crossover distortion.
- ☐ Auto-Scan fully automated tuning.
- ☐ Touch-Sensor Servo-Lock tuning automatically locks in FM stations.
- ☐ Star Tracer green light indicates exact AM and FM tuning.
- ☐ Five FM memory presets.
- ☐ Noise-free phono section: 91dB signal-to-noise ratio.
- ☐ Color-coded LED power and tuning indicators.
- ☐ Cabinet included.

KR-720 HI-SPEED™ DC Stereo Receiver

For those who want a modestly priced, well-powered receiver that will deliver the quality of sound associated with far more expensive units. Naturally it has Kenwood's superb HI-SPEED™ amplifier and Zero Switching.

- ☐ 40 watts per channel, min. RMS both channels driven at 8 ohms, 20 Hz - 20 kHz, with less than 0.03% total harmonic distortion.
- ☐ HI-SPEED™ DC amplifier for unprecedented musical clarity and crispness.
- ☐ Zero Switching with Dynamic Bias Current virtually eliminates crossover distortion.
- ☐ Digital AM/FM frequency counter and analog tuning scale.
- ☐ Touch-Sensor Servo-Lock tuning automatically locks in FM stations.
- ☐ Star Tracer green light indicates exact AM and FM tuning.
- ☐ Color-coded LED power and tuning indicators.
- ☐ Noise-free phono section: 86dB signal-to-noise ratio.
- ☐ Connections for 2 pairs of speakers; 2 tape monitors.
- ☐ Cabinet included.

KR-710 HI-SPEED™ DC Stereo Receiver

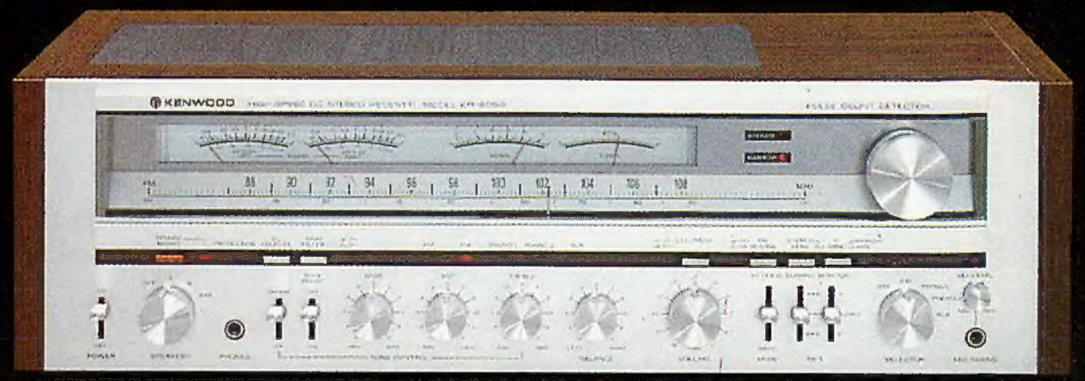
Compare the KR-710 with any receiver in its price and power range, and you'll agree that it's the winner on every score. And since it's a Kenwood, it will keep you sold, year after year.

- ☐ 28 watts per channel, min. RMS both channels driven at 8 ohms, 20 Hz - 20 kHz, with less than 0.08% total harmonic distortion.
- ☐ HI-SPEED™ DC amplifier for unprecedented musical clarity and crispness.
- ☐ Touch-Sensor Servo-Lock tuning automatically locks in FM stations.
- ☐ Star Tracer green light indicates exact AM and FM tuning.
- ☐ Color-coded LED power and tuning indicators.
- ☐ Noise-free phono section: 84dB signal-to-noise ratio.
- ☐ High filter and loudness control.
- ☐ Connections for 2 pairs of speakers; 2 tape monitors.
- ☐ Cabinet included.

KR-9050 HI-SPEED™ DC Stereo Receiver

Here is the most advanced receiver available today at any price. It combines the razor-sharp clarity of Kenwood's exclusive HI-SPEED™ DC amplifier circuitry with enormous reserve power and every control you would logically desire.

- ☐ 200 watts per channel, min. RMS, both channels driven at 8 ohms, 20Hz-20kHz, with less than 0.02% total harmonic distortion.
- ☐ HI-SPEED™ amplifier for faster transient response for unprecedented musical clarity and crispness.
- ☐ DC design for clear bass reproduction without phase distortion.
- ☐ Dual power supplies to eliminate crosstalk distortion.
- ☐ Professional power and tuning meters plus LED clipping indicators.
- ☐ Touch-Sensor Servo-Lock tuning automatically locks in FM stations.
- ☐ Two-step stereo sensitivity excludes noisy FM stations.
- ☐ Wide and narrow IF band circuitry for optimum FM reception.
- ☐ Noise-free phono section: 91dB signal-to-noise ratio (5mV input).
- ☐ Two tape deck capability with tape-through circuit.
- ☐ Subsonic and high filters; genuine walnut cabinet.



KR-8050 HI-SPEED™ DC Stereo Receiver

It's a receiver with the quality of amplifier performance you only expect to hear from the finest separates. Kenwood's exclusive Pulse Count Detector Tuner makes FM listening a new experience.

- ☐ 120 watts per channel, min. RMS, both channels driven at 8 ohms, 20Hz-20kHz, with less than 0.02% total harmonic distortion.
- ☐ Power Boost for 150 watts per channel at no increase in distortion. (Use on 8 ohm load only).
- ☐ HI-SPEED™ amplifier for faster transient response for unprecedented musical clarity and crispness.
- ☐ DC design for clear bass reproduction without phase distortion.
- ☐ Professional fast-acting peak reading power meters.
- ☐ Pulse Count Detector radically reduces noise and cuts distortion in half.
- ☐ Two-step stereo sensitivity excludes noisy FM stations.
- ☐ Wide and narrow IF band circuitry for optimum FM reception.
- ☐ Noise-free phono section: 91dB signal-to-noise ratio (5mV input).
- ☐ Triple tone controls and MIC mixing with level control.
- ☐ Two tape deck capability with tape transfer; cabinet included.

Amplifiers

KA-907 HI-SPEED™ DC Integrated Amplifier

The KA-907 is the integrated amplifier that sets the standards for all others to follow. It has the controls purists look for with power enough to drive any speaker system to window-shattering levels.

- ☐ 150 watts per channel, min. RMS both channels driven at 8 ohms, 20 Hz-20 kHz, with less than 0.01% total harmonic distortion.
- ☐ HI-SPEED™ amplifier for faster transient response for unprecedented musical clarity and crispness.
- ☐ DC design for clear bass reproduction without phase distortion.
- ☐ DC coupled switch with DC leakage protection.
- ☐ Dual power supplies to eliminate crosstalk distortion.
- ☐ Moving Coil low-noise head amp.
- ☐ Two tape deck capability with tape-through circuit.
- ☐ Moving Magnet Equalizer for precise matching of different cartridge impedances for optimum fidelity.
- ☐ Noise-free phono section: 96dB signal-to-noise ratio (5mV input).
- ☐ One pair of D-90 carrying handles included.

Audio purists who prefer separate components to receivers will find the flawless performance they are looking for here in Kenwood's new line of integrated amplifiers.

Some have power enough to rattle windows—most have Kenwood's incomparable HI-SPEED™ amplifier—and all are engineered to quality standards that are unsurpassed in the industry.

These integrated amplifiers are ideal for those who want the most from their records or tapes and plan to add a tuner now or later.

KA-801 HI-SPEED™ DC Integrated Amplifier

An integrated amplifier that's impressive even turned off. The twin power meters do visual justice to the matchless capabilities of Kenwood's HI-SPEED™ DC amplifier circuitry.

- ☐ 110 watts per channel, min. RMS both channels driven at 8 ohms, 20Hz-20kHz, with less than 0.015% total harmonic distortion.
- ☐ HI-SPEED™ amplifier for faster transient response for unprecedented musical clarity and crispness.
- ☐ DC design for clear bass reproduction without phase distortion.
- ☐ Dual power supplies to eliminate crosstalk distortion.
- ☐ Professional fast-acting peak power meters.
- ☐ Noise-free phono section: 96dB signal-to-noise ratio (5mV input).
- ☐ DC coupled switch and high filter.
- ☐ Two tape deck capability with tape-through circuit.

KA-701 HI-SPEED™ DC Integrated Amplifier

Pure power with all the crystal clarity that HI-SPEED™ has to offer. Plus a beautiful satin-anodized finish and a full compliment of controls.

- ☐ 80 watts per channel, min. RMS both channels driven at 8 ohms, 20Hz-20kHz, with less than 0.02% total harmonic distortion.
- ☐ HI-SPEED™ amplifier for faster transient response for unprecedented musical clarity and crispness.
- ☐ DC design for clear bass reproduction without phase distortion.
- ☐ Dual power supplies to eliminate crosstalk distortion.
- ☐ Noise-free phono section: 95dB signal-to-noise ratio (5mV input).
- ☐ Selectable tone turnover points allow adjustment to room acoustics.
- ☐ DC coupled switch and high filter.
- ☐ Two tape deck capability with tape-through circuit.
- ☐ Low noise volume attenuator shows exact level.

KA-601 HI-SPEED™ DC Integrated Amplifier

State-of-the-art at an affordable price. HI-SPEED™ DC circuitry for superb transient response, plus dual power supplies to end crosstalk distortion.

- ☐ 60 watts per channel, min. RMS both channels driven at 8 ohms, 20Hz-20kHz, with less than 0.02% total harmonic distortion.
- ☐ HI-SPEED™ amplifier for faster transient response for unprecedented musical clarity and crispness.
- ☐ DC design for clear bass reproduction without phase distortion.
- ☐ Dual power supplies to eliminate crosstalk distortion.
- ☐ Noise-free phono section: 93dB signal-to-noise ratio (5mV input).
- ☐ DC coupled switch and tone defeat.
- ☐ Two tape deck capability with tape-through circuit.
- ☐ Low noise volume attenuator shows exact level.

KA-501 HI-SPEED™ Integrated Amplifier

Here's more power than most audiophiles will ever require, combined with the instantaneous transient response and ultra-clean sound of Kenwood's HI-SPEED™ amplifier.

- ☐ 65 watts per channel, min. RMS, both channels driven and 8 ohms, 20Hz-20kHz, with less than 0.03% total harmonic distortion.
- ☐ HI-SPEED™ amplifier for faster transient response for unprecedented musical clarity and crispness.
- ☐ Wide band frequency down to 2Hz for full base without phase distortion.
- ☐ Noise-free phono section; signal-to-noise ratio an outstanding 92dB for 5mV input.
- ☐ Professional fast-acting peak power meters.
- ☐ Power amp direct switch for cleaner signal travel from pre-amp to amplifier.
- ☐ Subsonic filter reduces distortion from warped records.
- ☐ 2-tape deck capability with tape copying.
- ☐ Natural low-boost-only loudness control.

KA-405 HI-SPEED™ Integrated Amplifier

Great black-on-silver styling that matches the Kenwood KT-413 Auto Search-and-Scan AM/FM Tuner. Advanced circuitry and professional controls complete this powerful amplifier.

- ☐ 55 watts per channel, min. RMS both channels driven at 8 ohms, 20Hz-20kHz, with less than 0.05% total harmonic distortion.
- ☐ HI-SPEED™ amplifier for faster transient response for unprecedented musical clarity and crispness.
- ☐ Wide band frequency response down to 2Hz for full bass without phase distortion.
- ☐ Professional fast-acting peak power meters.
- ☐ Noise-free phono section: 83dB signal-to-noise ratio (5mV input).
- ☐ Power Amp Direct switch for cleaner signal travel from pre-amp direct to power amp.
- ☐ Two tape deck capability with tape copy either way.
- ☐ MIC mixing with any source
- ☐ Connections for 2 pairs of speakers.

KA-305 Integrated Stereo Amplifier

A great looking and sounding amplifier following in Kenwood's tradition of sales-leading 40 watt models. Featured are low distortion and convenient controls.

- ☐ 40 watts per channel, min. RMS both channels driven at 8 ohms, 20Hz-20kHz, with no more than 0.08% total harmonic distortion.
- ☐ Pure complementary symmetry power amplifier stage.
- ☐ Wide band frequency response down to 3Hz for full bass without phase distortion.
- ☐ Noise-free phono section: 83dB signal-to-noise ratio (5mV input).
- ☐ Bypass Direct switch for cleaner signal travel from pre-amp direct to power amp.
- ☐ MIC mixing with any source.
- ☐ Natural low-boost only loudness control.

Tuners

KT-917 FM Stereo Tuner

The finest FM Tuner in the world as recognized by Japanese audiophiles who awarded it the Grand Prix at the Tokyo Audio Fair. Dimensions match the HI-SPEED*KA-907 amplifier.

- ☐ Pulse Count Detector radically reduces noise and cuts distortion in half.
- ☐ The exclusive Distortion Detection Loop checks drift and locks the station to its point of least distortion. S/N ratio—Mono 90dB, Stereo 84dB
- ☐ Sample-And-Hold MPX process for up to 60dB left-to-right channel separation
- ☐ Pilot canceller for clear high frequencies on FM.
- ☐ Precision 9-ganged tuning capacitor for unprecedented sensitivity
- ☐ 3 IF band circuits using surface acoustic filters to assure optimum selectivity.
- ☐ Auto-Quieting Control cancels noise components even on weak signals
- ☐ Two level muting and front panel antenna switching.
- ☐ Professional metering includes signal strength, center channel and deviation/multipath meters.

Kenwood's new stereo tuners bring in radio broadcasts with such crispness and clarity that it's almost like being inside the studio or at a concert.

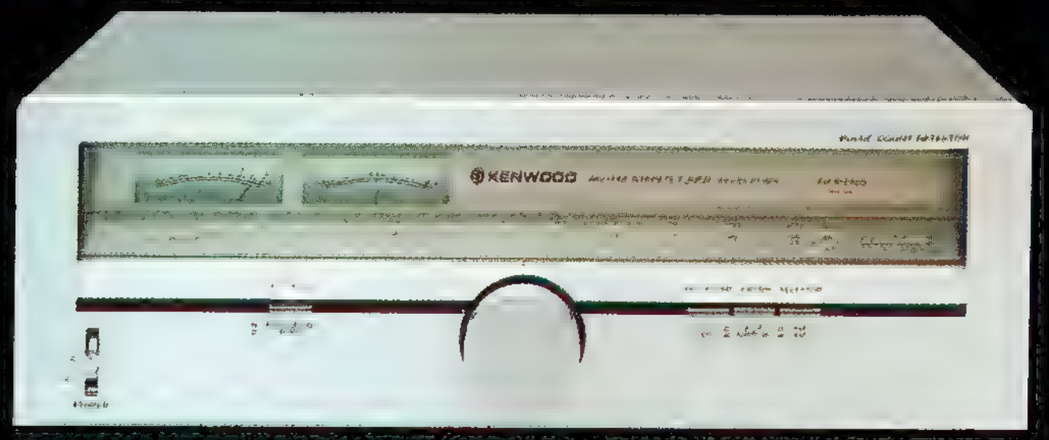
For example, the top of the line tuners have Kenwood's exclusive Pulse Count Detector that virtually eliminates broadcast noise and distortion. And all units, regardless of price, provide magnificent drift-free reception in AM or FM.

Now meet the Kenwood stereo tuners—the ones that are works of art, inside and out.

KT-815 AM/FM Stereo Tuner

Kenwood's revolutionary new FM technologies, Pulse Count Detector and Sample-And-Hold digital demodulation systems, assure impeccable sound quality. Dimensions match the HI-SPEED™ KA-801, KA-701, and KA-601 amplifiers.

- ☐ Pulse Count Detector radically reduces FM noise and cuts distortion in half.
- ☐ Touch-Sensor Servo-Lock tuning automatically locks in FM stations.
- ☐ Fantastic signal-to-noise ratio: Mono 84dB, Stereo 80dB.
- ☐ Sample-And-Hold MPX process for up to 55dB left-to-right channel separation.
- ☐ Pilot canceller for clear high frequencies on FM.
- ☐ Precision 5-ganged tuning capacitor for super sensitivity.
- ☐ Wide and narrow IF band circuitry for optimum reception.
- ☐ Muting control cuts out inter-station noise while tuning.
- ☐ MPX filter blends high frequencies of stereo broadcasts during noisy reception conditions.
- ☐ High quality AM section.



KT-615 AM/FM Stereo Tuner

"Its specs and performance belie its moderate price. We think it's a winner," said *Stereo* Magazine, Summer 1979 issue. Dimensions match the HI-SPEED™ KA-801, KA-701, and KA-601 amplifiers.

- ☐ Pulse Count Detector radically reduces FM noise and cuts distortion in half.
- ☐ Outstanding signal-to-noise ratio: Mono 81dB, Stereo 78dB.
- ☐ Sample-And-Hold MPX process for up to 55dB left-to-right channel separation.
- ☐ Pilot canceller for clear high frequencies on FM.
- ☐ Precision 4-ganged tuning capacitor for outstanding sensitivity.
- ☐ Wide and narrow IF band circuitry for optimum FM reception.
- ☐ Auto/Muting control cuts inter-station tuning noise.
- ☐ MPX filter blends high frequencies of stereo broadcasts during noisy reception conditions.
- ☐ High quality AM section.

KT-413 AM/FM Stereo Automatic Sequential Tuner

Automatic location and fine tuning of all stations with only a light touch to the tuning bars. All LED operation and preselect of up to 5 FM and AM stations add more convenience. Dimensions match the KA-405 and KA-305 amplifiers.

- Left and Right tuning bars automatically locate the stations.
- Fine tuning is accomplished by the automatic Servo Lock system.
- Stop Level switch in High position limits selection only to strong broadcasts. In Low position, all stations come through.
- Convenient Preset switch for preselection of up to 5 stations for FM, 5 for AM.
- Fast-acting Light Emitting Diode (LED) signal strength display
- FM Mode Auto switch automatically adapts for stereo or mono operation according to broadcast conditions.

KT-313 AM/FM Stereo Tuner

Kenwood's well-balanced design ensures interference rejection and exceptional reception at a moderate price point. Dual meter tuning for razor-sharp accuracy. Dimensions match the KA-405 and KA-305 amplifiers.

- Outstanding Usable Sensitivity in its class: 10.8dBf (1.9μV).
- Excellent signal-to-noise ratio: Mono 77dB, Stereo 72dB.
- Low harmonic distortion of 0.15% and high alternate channel selectivity of 60dB (stereo at 1kHz).
- PLL in MPX section for improved stereo separation.
- Signal strength meter and center-of-channel tuning meter ensure tuning accuracy
- FM Mode Auto bar automatically adapts for stereo or mono operation according to broadcast conditions.
- MPX filter blends high frequencies of stereo broadcasts during noisy reception conditions.
- Unique internal rotating AM bar antenna for better tonal quality.

Now you can have all of the functions of a complete stereo system right in the palm of your hand—a system that can be operated from anyplace in the room without leaving your chair.

The brain that ties all the components together is Kenwood's RC-500 REMOTE CONTROL CENTER AND HAND CONTROLLER. By means of a beam of infrared light, you control power on/off, volume, select functions and tuning, operate the turntable, turn the cassette deck on and off. A digitally coded message identifying the desired action is transmitted when the function button is released. The controller has an effective range of up to 23 feet.

The KA-500 REMOTE CONTROL INTEGRATED AMPLIFIER has computer-type touch bars instead of knobs to control power, volume, source, bass, treble, balance and MIC/mixing. You can even control loudness and muting. A red LED display tracks power levels ranging between 0.005 and 55 watts. A green LED indicates volume levels.

Kenwood's matching KT-500 REMOTE CONTROL PRE-SET SYNTHESIZER AM/FM TUNER uses two computer-type control bars to tune up and down the band. Twelve lighted panels may be digitally programmed by the user with 6 FM and 6 AM stations, and all are selected by remote control. A nondestructive digital memory stores the code for each channel selected. Overall performance of this unique synthesizer tuner equals or exceeds any tuner in its price range with manual controls.

The hand controller also operates the new KD-4100R REMOTE DIRECT-DRIVE FULLY-AUTOMATIC TURNTABLE. The precision static-balanced tonearm will accept and track the most advanced cartridges. Photo diodes assure that the tonearm and turntable are not affected by automatic functions while the stylus is in contact with the record.

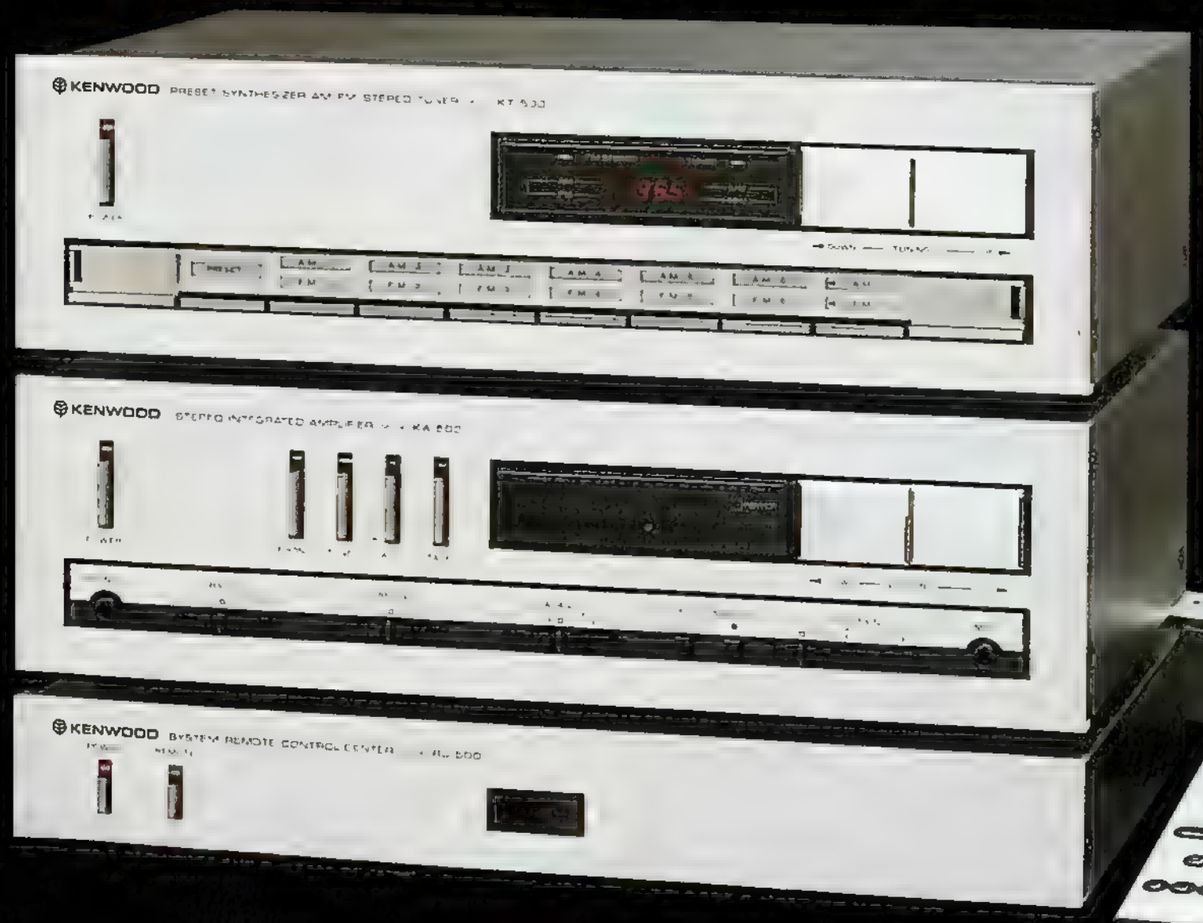
Remote Control System

KA-500 Remote Control Integrated Amplifier

- ☐ 43 watts per channel, min RMS both channels driven at 8 ohms, 20Hz-20kHz with less than 0.1% total harmonic distortion.
- ☐ Noise-free phono section: 81dB signal-to-noise ratio (5mV input).

KT-500 Remote Control Pre-Set Synthesizer AM/FM Tuner

- ☐ Outstanding usable sensitivity: 10.8dBf (1.9 μV).
- ☐ Signal-to-noise ratio: Mono 70dB, Stereo 66dB.
- ☐ Low harmonic distortion of 0.15% and high alternate channel selectivity of 60dB at 1kHz.



KD-4100R Remote Direct-Drive Fully-Automatic Turntable

- ☐ Wow & flutter less than 0.03% (WRMS).
- ☐ Rumble better than −73dB (DIN weighted).

Slimlines

Here is Kenwood's magnificently engineered answer for those who want sleek, contemporary stereo components that require very little space with no sacrifice in sound or quality.

KR-80 Slimline DC Stereo Receiver

Only 3 1/16" high, the KR-80 is a marvel of advanced compact audio engineering. Its precise frequency synthesizer tuner with no moving parts cannot be misaligned or mistuned.

- 27 watts per channel, min. RMS both channels driven at 8 ohms, 20 Hz-20 kHz, with less than 0.05% total harmonic distortion.
- Digital frequency synthesizer tuner tunes to exact AM or FM center channel.
- Auto Scan tuning with 5 AM and 5 FM memory presets.
- Servo-Lock tuning automatically locks in stations.
- Colorful 16-point LED AM/FM tuning scale conveniently indicates station selection.
- Color-coded LED power, signal strength and selector indicators.
- High filter reduces record surface noise.
- MIC mixing with level control.
- Used with RC-500 remote controller, radio stations can be changed remotely.
- Connections for 2 tape decks and 2 pairs of speakers.

KA-80 HI-SPEED ™ DC Integrated Amplifier

A masterpiece of clean, modern design. The swing-down front panel hides all controls not constantly in use. But nothing is hidden from the ear.

- 48 watts per channel, min. RMS, both channels driven at 8 ohms, 20Hz-20kHz, with less than 0.02% total harmonic distortion.
- HI-SPEED™ amplifier for faster transient response for unprecedented musical clarity and crispness.
- DC design for clear bass reproduction without phase distortion.
- Damping factor constant at 120 from DC to 20,000Hz.
- Phono signal-to-noise an outstanding 92dB for 5mV input.
- Illuminated Power, Monitor and Source switches.
- MIC/line mixing with program source.
- DC coupled Tone switch provides laboratory-flat response and serves as an effective subsonic filter.

KT-80 FM Stereo Tuner

The perfect mate for the KA-80. Precise, no-drift Servo-Lock eliminates the need for a tuning meter, and a row of 5 LEDs replaces the conventional signal level meter.

- Pulse Count Detector virtually banishes FM noise and cuts distortion in half.
- Servo-Lock tuning automatically locks in FM stations.
- Record Calibration Control for studio quality off-the-air recordings.
- FM Mode Auto Bar automatically adapts to stereo or mono operation according to broadcast conditions.
- Outstanding usable sensitivity: 10.8dBf (1.9μV).
- Exceptional signal-to-noise ratio: Mono 83dB, Stereo 80dB.
- Stereo Total Harmonic Distortion only 0.25% from 50Hz-10kHz.
- Alternate Channel Selectivity: 75dB.
- Attractive, easy-to-read slide rule dial.

GE-80 Slimline Graphic Equalizer

Going beyond traditional bass and treble controls, this precision instrument contours the frequency spectrum of each stereo channel into five ranges of two octaves each.

- Turnover points: 50 Hz, 200 Hz, 800 Hz, 3.2 kHz, 13 kHz.
- Frequency response within 1dB from 10 Hz to 60 kHz, with less than 0.006% total harmonic distortion.

RA-80 Slimline Reverberation Amplifier

A must for the stereo enthusiast who wants the advantage of reverb or duet effects during listening or recording.

- Rainbow-colored reverb display
- Adjustable reverb time and depth delay
- Frequency response: 15 Hz-60 kHz +0dB,-1dB.
- Less than 0.008% total harmonic distortion (20 Hz-20 kHz).

AT-80D Slimline Audio Timer

It is both an accurate clock and an automatic stereo timer that lets you wake up to your favorite music or record away from home.

- Matches Kenwood Timer Standby cassette decks.
- Dimensions and appearance match Kenwood separates.

KT-60 Slimline AM/FM Stereo Tuner

Here is a micro-tuner with the sort of performance that is normally associated with the big, expensive rack-mounted units. One trip across the dial will convince you.

- Outstanding usable sensitivity of 1.9μV.
- Excellent stereo signal-to-noise ratio of 77dB (Mono).
- Low harmonic distortion of only 0.15% at 1000 Hz in stereo mode.
- Alternate channel selectivity: 60dB.
- Highly sensitive, stable front end.
- FM auto-muting and LED signal indicators.
- Illuminated feather-touch control bars.

KA-60 Slimline Integrated Amplifier

An elegant, contemporary design scarcely more than 3" high. Yet the purity of its sound rivals that of the most sophisticated giants.

- 30 watts per channel, min. RMS, both channels driven at 8 ohms, 20 Hz-20 kHz, with less than 0.08% total harmonic distortion.
- Noise-free phono section: 86dB signal-to-noise ratio.
- Unique and easy-to-use indented rotary controls.
- Illuminated feather-touch control bars.
- MIC mixing with level control.

Cassette Decks

KX-2060 Three-Head Metal Tape Cassette Deck

Rivals the best reel-to-reel machines. The KX-2060 can handle the new Metal-particle tapes, standard tapes, and has a built-in check to show optimum record bias level.

- 3 separate hard ferrite tape heads for Record, Playback, and Erase. Separate heads permit the proper gap widths for improved high frequency response and a true monitor head.
- Kenwood's Dual Belt Drive System assures steadier tape travel than conventional single belt designs. Wow & flutter is a low 0.04%.
- Studio-like frequency response: 25 Hz - 18,000 Hz ± 3dB with Metal or CrO_2 tape (Dolby* On)
- Calibratable Double Dolby noise reduction circuits.
- 3-position tape equalization and variable fine-bias adjuster with built-in oscillator maximizes performance from every kind of tape.
- Electronic solenoid transport controls.
- Precise fluorescent peak level meters.
- LED tuning meters for Dolby record calibration and variable bias adjustment.
- MIC/line mixing. Memory rewind.

*Dolby is the trademark of Dolby Laboratories, Inc.

Kenwood stereo cassette decks bring a new era of recording possibilities to audio enthusiasts.

The advanced new Kenwood cassette line includes the latest achievements in 3-head design, as well as models that match the high fidelity potential of Metal-particle tape.

Yet perhaps the most rewarding thing you'll hear about all these Kenwood cassette decks is what you *don't* hear: wow and flutter and tape hiss have been reduced beneath the range of human hearing.

KX-1060 Three-Head Metal Tape Cassette Deck

A machine to handle tomorrows recording needs. As the advantages of Metal-particle tape become better known, this will become one of the popular cassette decks of the 80's.

- 3 separate hard ferrite tape heads for Record, Playback and Erase. Separate heads allow optimum gap width for improved high frequency response and a true monitor head.
- Kenwood's Dual Belt Drive System assures steadier tape travel than conventional single belt designs.
- Wow & flutter is inaudible 0.045% RMS
- Excellent frequency response: 30Hz-18,000Hz ±3dB with Metal or CrO_2 tape (Dolby* On)
- Very quiet operation: signal-to-noise ratio (Dolby On) 63dB normal tape; 65dB CrO_2 or Metal tape
- High torque DC servo motor with oversize flywheel
- 2 Dolby noise reduction circuits for true Dolby monitor system
- 3-position bias and equalization controls
- Variable bias and adjustment with built-in oscillator for perfect performance from every kind of tape.
- Expanded scale illuminated VU meters with peak indicator. Memory Rewind.

KX-800 Three-Head Metal Tape Cassette Deck

The very affordable solution for perfectionists who want 3-head sophistication and Metal tape performance. Once you've seen the KX-800, and listened to it, you'll know why no cassette deck can touch it for the price.

- 3 separate hard ferrite tape heads for Record, Playback and Erase. Separate heads permit optimum gap width for improved high frequency response in record and playback.
- Kenwood's exclusive Logic-simulated Soft Touch Controls with one-touch recording
- Frequency response: 35 Hz - 16 kHz ±3dB with Metal or CrO$_2$ tape (Dolby* on)
- Very quiet operation: signal-to-noise ratio (Dolby on) 62dB normal tape; 64dB with Metal or CrO$_2$ tape
- High torque DC servo motor with high-inertia flywheel
- Dual Belt Drive System assures steadier tape travel than conventional single belt designs. Wow & flutter an inaudible 0.045% WRMS
- Variable bias adjustment for all types of tape.
- 3 point LED peak indicators for recording accuracy

KX-600 Two-Head Metal Tape Cassette Deck

A step up in performance at a remarkable step down in price. Thanks to the KX-600, the full range of Metal tape recording can now be a dramatic part of virtually every audio system.

- Kenwood's exclusive Logic-simulated Soft Touch Controls with one-touch recording.
- Frequency response: 35 Hz - 15 kHz ±3dB with Metal or CrO_2 tape (Dolby* on).
- Very quiet operation: signal-to-noise ratio (Dolby on) 62dB normal tape; 64dB with Metal or CrO_2 tape.
- High torque DC servo motor with high-inertia flywheel.
- Dual Belt Drive System assures steadier tape travel than conventional single belt systems. Wow & flutter an inaudible 0.05% WRMS.
- Variable bias adjustment for all types of tape.
- 3 point LED peak indicators for recording ease.
- Expanded scale illuminated VU meters.

KX-500 Metal Tape Cassette Deck

The ideal choice for anyone who wants Metal tape performance and Kenwood quality at a very affordable price. Feather-touch controls grouped in a professional layout make the KX-500 exceptionally easy to use.

- Dual Belt Drive System for much steadier tape travel than conventional single belt designs.
- Outstanding frequency response: 40Hz - 15,000Hz ±3dB with Metal-particle or CrO_2 tape (Dolby* On).
- Very quiet operation: signal-to-noise ratio 64dB (Metal tape, Dolby On).
- Wow & flutter is inaudible at less than 0.05% WRMS.
- Wear resistant Sendust Guard head for years of trouble-free use.
- Kenwood's exclusive Logic-simulated Soft Touch Controls with one-touch recording.
- Fast response fluorescent peak level meters.
- 4-position tape selector and variable bias adjustment assure optimum frequency response and dynamic range from all types of tape.
- Recording Mute switch to omit commercials.
- Full auto shut-off in all modes.

**Dolby is the Trademark of Dolby Laboratories, Inc.*

KX-400 Two-Head Cassette Deck

Possibly the best bargain in a stereo cassette deck today. Designed to meet Kenwood's exacting performance and reliability standards, the KX-400 is the ideal choice for those on a modest budget who demand top value for their dollar.

- Dual Belt Drive System assures steadier tape travel than conventional single belt designs
- Wow & flutter an inaudible 0.05% WRMS
- Frequency response: 40 Hz - 15 kHz ± 3dB with CrO_2 tape (Dolby* on).
- Very quiet operation: signal-to-noise ratio (Dolby on) 62dB with CrO_2 tape.
- Long-life hard permalloy heads for great recordings
- Easy, pushbutton bias and equalization selection.
- Convenient record mute
- Expanded scale illuminated VU meters

*Dolby is the trademark of Dolby Laboratories, Inc.

KD-850 Quartz PLL Computerized Direct Drive Fully-Automatic Turntable

This is the no-compromise turntable for those who want the state-of-the-art in record protection as well as sound. Ultra-precise computer-guided controls perform all functions with an accuracy and gentleness human hands cannot match.

- Computer-Guided Controls: Photo Sensor Search Arm determines setting for 17, 25 and 30 centimeter records.
- Micromotor moves elevated tonearm accurately across record surface. Push-button, oil-damped solenoid cueing assures gentle, precise stylus contact.
- Wow & flutter less than 0.022% (WRMS).
- Rumble an inaudible −83dB (DIN weighted).
- A combination of high-density particle board, rubber absorber feet, and an ARCB limestone-glass-resin base insert virtually eliminate feedback vibration.
- Extra-heavy (5.7 lb.) aluminum alloy die-cast platter ensures greater inertia for proper speed.
- Gold-plated contact points from input to output prevent any possible signal loss.

Turntables

KD-5100 Quartz PLL Direct-Drive Fully-Automatic Turntable

The KD-5100 represents the state of the art in present automatic turntable technology. Its quartz-referenced phase-lock-loop servo system and extra heavy platter effectively eliminate tiny variations in speed caused by stylus drag.

- ☐ Wow & flutter: less than 0.03% WRMS.
- ☐ Rumble: −75dB (DIN weighted).
- ☐ New ARCB resin-concrete base formula virtually eliminates feedback vibration.
- ☐ High torque coreless and slotless direct-drive DC platter motor. Second motor handles automatic tonearm functions.
- ☐ Accurate quartz-referenced PLL speed control.
- ☐ Heavy aluminum alloy die-cast platter ensures greater inertia for proper speed.
- ☐ All-electronic feather-touch controls with LED indicators.
- ☐ Low mass straight-line tonearm with carbon graphite headshell will track any cartridge.
- ☐ Free-stop, metal hinged acrylic dustcover.

Kenwood turntables are available with a wide range of convenience features and functions. Most have our exclusive ARCB resin-concrete base formulation.

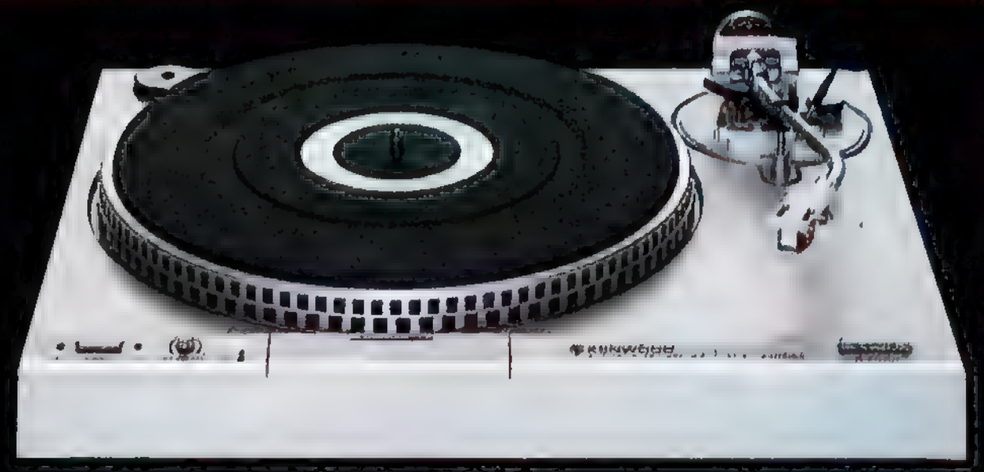
However, all Kenwood turntables, whether they be direct drive or belt drive, share one thing in common. They are incredibly silent. In fact, wow & flutter are so low in every turntable throughout the line that any sound, other than that produced by the record, is literally "unheard" of in a Kenwood.

It's the rewarding result of what can happen when innovative engineering and uncompromising quality control get together.

KD-4100 Direct-Drive Fully-Automatic Turntable

An outstanding value in a precision direct-drive, fully-automatic turntable. Photo diodes assure that the tonearm and turntable are not affected by any automatic functions while the stylus is in contact with the record.

- Wow & flutter less than 0.03% (WRMS)
- Rumble better than −73dB (DIN weighted).
- ARCB limestone-glass-resin base virtually eliminates feedback vibration
- New Flux-Field DC servo motor prevents cogging.
- Independent 12-pole synchronous motor for automatic tonearm avoids drag on main drive motor.
- Massive (2.54 lb.), high inertia aluminum alloy die-cast platter.
- Illuminated, easy-to-read stroboscope speed reference.
- Fully-automatic tonearm designed for very low resonance and flawless tracking with any cartridge.



KD-3100 Direct-Drive Semi-Automatic Turntable

Accurate Direct Drive platter speed and the ease of automatic tonearm return after play. A new formula of Kenwood's ARCB limestone-glass-resin base presents an effective barrier to acoustic feedback.

- Wow & flutter, less than 0.03% (WRMS).
- Rumble better than −71dB.
- ARCB limestone-glass-resin base virtually eliminates feedback vibration.
- Slotless and coreless DC servo motor eliminates cogging.
- Independent 12-pole synchronous motor for automatic tonearm return eliminates drag on main drive motor.
- Easy-to-read stroboscope markings on platter edge.
- Heavy aluminum alloy die-cast platter ensures greater inertia for proper speed.
- New semi-automatic tonearm designed for very low resonance and accurate record groove tracking.

KD-2100 Belt-Drive Fully-Automatic Turntable

Attractive low-profile styling for those who prefer fully-automatic functions. A refined belt drive system which actually out performs many more expensive direct drive turntables. The precision static balanced tonearm will track all cartridges.

- ☐ Wow & flutter less than 0.04% (WRMS).
- ☐ Rumble better than −67dB (DIN weighted).
- ☐ Kenwood's improved belt-drive system.
- ☐ Compression-molded 2-layer anti-resonance base.
- ☐ Illuminated, easy-to-read stroboscope speed reference.
- ☐ High inertia aluminum alloy die-cast platter.
- ☐ Tachometer-controlled servo system immune to changes in power-line frequency and voltage.
- ☐ Two-way viscous-damped cueing.
- ☐ Anti-skate control.

KD-1600 Belt-Drive Semi-Automatic Turntable

Silent proof that a superior belt-driven turntable can hold its own with the finest direct-drive units. A separate motor powers the tonearm's semi-automatic functions.

- ☐ Wow & flutter: less than 0.05% WRMS.
- ☐ Rumble: −65dB (DIN weighted).
- ☐ Highly styled low-profile modern design.
- ☐ Synchronous motor drives the platter.
- ☐ 12-pole AC geared motor handles tonearm functions.
- ☐ Low mass straight-line tonearm will track any cartridge.
- ☐ Single-point gimbal tonearm suspension uses high precision bearings.
- ☐ Anti-skate control.
- ☐ Stylus pressure direct readout counter.
- ☐ Reinforced, anti-resonance dustcover.

Here are some beautiful ways to house and show off your Kenwood components. As you can see, these stereo system cabinets come in various sizes and configurations to match individual requirements. Yet all are stylishly designed and finished to complement any decor.

SRC-77B Has 3 shelves, double glass doors, and is finished in wood-grain vinyl. 45" high, 19½" wide, 14⅞" deep.

SRC-80K Slimline system rack finished in matte silver with glass shelving. 16¼" high, 20¾" wide, 14" deep.

SRC-43B Receiver-sized, with 2 shelves, double glass doors, finished in wood-grain vinyl. 32" high, 21" wide, 15" deep.

SRC-85B Stereo system rack with 3 shelves and double glass doors finished in oiled walnut veneer. 42¼" high, 21½" wide, 16½" deep.

SRC-75B Professional 19" rack mounting in oiled walnut veneer. 43½" high, 21½" wide, 16" deep.

SRC-55B Has 3 shelves, glass door, and is finished in wood-grain vinyl. 40" high, 19¼" wide, 15" deep.

SRC-67B Doorless stereo rack with 3 shelves in wood-grain vinyl. 44½" high, 19½" wide, 15" deep.

SRC-42B Receiver-sized with 2 shelves, finished in wood-grain vinyl. 34½" high, 23" wide, 15" deep.

System Cabinets

SRC-75B

SRC-55B

SRC-67B

SRC-42B

Receivers	KR-9050	KR-8050	KR-770	KR-750	KR-730	KR-720	KR-710
Power Amp Section							
Min. RMS Power Output, watts/channel, both channels driven at 8 ohms, 20Hz-20kHz	200 Watts	120 Watts	80 Watts	60 Watts	42 Watts	40 Watts	28 Watts
with Total Harmonic Distortion no more than	0.02%	0.02%	0.02%	0.02%	0.03%	0.03%	0.08%
Rise Time/Slew Rate	0.95μS/±110V/μS	0.9μS/±200V/μS	1.0μS/±180V/μS	1.0μS/±120V/μS	1.5μS/±50V/μS	1.5μS/±50V/μS	1.5μS/±50V/μS
IM Distortion (at rated power)	0.0045%	0.005%	0.02%	0.01%	0.02%	0.025%	0.04%
Damping Factor	50	85	60	60	50	50	45
Pre Amp Section							
Input Sens./Max. Input/Signal-to-Noise (at 5mV Input)							
PHONO 1	5.0mV/260mV/91dB	5.0mV/220mV/91dB	5.0mV/240mV/91dB	5.0mV/230mV/91dB	5.0mV/220mV/86dB	5.0mV/200mV/86dB	5.0mV/200mV/84dB
PHONO 2	5.0mV/260mV/91dB	5.0mV/220mV/91dB					
AUX	200mV/—/110dB	200mV/—/108dB	150mV/—/105dB				
TAPE	200mV/—/110dB	200mV/—/108dB	150mV/—/105dB	150mV/—/105dB	150mV/—/105dB	150mV/—/105dB	150mV/—/104dB
MIC	2.2mV/—/74dB	2.2mV/—/74dB	2.5mV/—/70dB				
FM Tuner Section							
SENSITIVITY							
30dB Quieting	9.8dBf (1.7μV)	10.3dBf (1.8μV)	9.8dBf (1.7μV)	10.3dBf (1.8μV)	10.3dBf (1.8μV)	10.8dBf (1.9μV)	10.8dBf (1.9μV)
50dB Quieting MONO	14.1dBf (2.8μV)	15.3dBf (3.2μV)	16.1dBf (3.5μV)	16.1dBf (3.5μV)	16.1dBf (3.5μV)	17.2dBf (4.0μV)	17.2dBf (4.0μV)
STEREO	36.1dBf (35μV)	36.8dBf (38μV)	35.6dBf (35μV)	37.2dBf (40μV)	37.2dBf (40μV)	37.2dBf (40μV)	37.2dBf (40μV)
S/N Ratio at 65dBf MONO/STEREO	83dB/76dB	83dB/75dB	74dB/70dB	76dB/72dB	76dB/72dB	76dB/71dB	76dB/71dB
Total Harmonic Dist. MONO/STEREO	0.07%/0.08%	0.07%/0.08%	0.09%/0.1%	0.1%/0.15%	0.1%/0.15%	0.1%/0.15%	0.1%/0.15%
Capture Ratio	1.0dB	1.0dB	1.0dB	1.0dB	1.0dB	1.0dB	1.0dB
Alt. Channel Selectivity							
WIDE	30dB at 300Hz	30dB at 300Hz	60dB at 400Hz	45dB at 400Hz	52dB at 400Hz	52dB at 400Hz	52dB at 400Hz
NARROW	60dB at 300Hz	60dB at 300Hz	75dB at 400Hz	65dB at 400Hz			
Stereo Separation 1kHz/50-10kHz	50dB/40dB	50dB/40dB	50dB/37dB	45dB/37dB	45dB/35dB	45dB/35dB	45dB/35dB
General							
Inputs and Outputs	2 PHONOS; AUX; MIC; 2 Tape; 3 Spkrs; Phones; PRE OUT/ MAIN IN	2 PHONOS; AUX; MIC; 2 Tape; 3 Spkrs; Phones	PHONO; AUX; 2 Tape; 2 Spkrs; Phones	PHONO; 2 Tape; 2 Spkrs; Phones	PHONO; 2 Tape; 2 Spkrs; Phones	PHONO; 2 Tape; 2 Spkrs; Phones	PHONO; 2 Tape; 2 Spkrs; Phones
Dimensions Width	23-11/16 in.	22-15/32 in.	21-1/16 in.	19-7/32 in.	19-7/32 in.	18-1/32 in.	18-1/32 in.
Height	6-31/32 in.	6-3/4 in.	5-1/4 in.	5-1/4 in.	5-1/4 in.	4-27/32 in.	4-27/32 in.
Depth	18-5/16 in.	16-3/16 in.	14-3/8 in.	13-25/32 in.	13-25/32 in.	11-23/32 in.	11-23/32 in.
Weight	52.9 lbs.	41.9 lbs.	26.5 lbs.	21.2 lbs.	21.2 lbs.	17.6 lbs.	16.5 lbs.

Specifications subject to change without notice.

Amplifiers -	KA-907	KA-801	KA-701	KA-601	KA-501	KA-405	KA-305
Power Amp Section							
Min. RMS Power Output, watts/ channel, both channels driven at 8 ohms, 20Hz-20kHz with Total Harmonic Distortion	150 Watts	110 Watts	80 Watts	60 Watts	65 Watts	55 Watts	40 Watts
no more than	0.01%	0.015%	0.02%	0.02%	0.03%	0.05%	0.08%
Rise Time	0.8μS	0.8μS	0.9μS	0.9μS	1.0μS	1.4μS	
Slew Rate	±230V/μS	±150V/μS	±120V/μS	±110V/μS	±100V/μS	±70V/μS	
IM Distortion (at rated power)	0.0045%	0.003%	0.003%	0.004%	0.006%	0.009%	0.004%
Damping Factor	100 (DC-20kHz)	100 (DC-20kHz)	100 (DC-20kHz)	100 (DC-20kHz)	60 (20Hz-20kHz)	45 (20Hz-20kHz)	40
Pre Amp Section							
Input Sens./ Max. Input/ Signal-to-Noise							
PHONO 1 (MM)	5.0mV/230mV/ 96dB	5.0mV/230mV/ 96dB	5.0mV/220mV/ 95dB	5.0mV/220mV/ 93dB	5.0mV/240mV/ 92dB	5.0mV/210mV/ 83dB	5.0mV/260mV/ 83dB
PHONO 2 (MM)	5.0mV/230mV/ 96dB	5.0mV/230mV/ 96dB	5.0mV/220mV/ 95dB	5.0mV/220mV/ 93dB			
PHONO 1 (MC)	0.1mV/9mV/70dB						
TUNER	150mV/—/105dB	200mV/—/105dB	200mV/—/110dB	200mV/—/105dB	150mV/—/105dB	150mV/—/105dB	150mV/—/105dB
AUX	150mV/—/105dB	200mV/—/105dB	200mV/—/110dB	200mV/—/105dB	150mV/—/105dB	150mV/—/105dB	150mV/—/105dB
TAPE	150mV/—/105dB	200mV/—/105dB	200mV/—/110dB	200mV/—/105dB	150mV/—/105dB	150mV/—/105dB	150mV/—/105dB
Phono Frequency Response	RIAA curve ±0.2dB	RIAA curve ±0.2dB	RIAA curve ±0.2dB	RIAA curve ±0.3dB	RIAA curve ±0.3dB	RIAA curve ±0.4dB	RIAA curve ±0.4dB
General							
Inputs and Outputs	2 PHONOS; TUNER; AUX; 2 Tape; 2 Spkrs; Phones PRE OUT/MAIN IN	2 PHONOS; TUNER; AUX; 2 Tape; 2 Spkrs; Phones	2 PHONOS; TUNER; AUX; 2 Tape; 2 Spkrs; Phones	2 PHONOS; TUNER; AUX; 2 Tape; 2 Spkrs; Phones	PHONO; TUNER; AUX; 2 Tape; 2 Spkrs; Phones	PHONO; TUNER; AUX; 2 Tape; 2 Spkrs; Phones	PHONO; TUNER; AUX; MIC; Tape; Spkrs; Phones
Dimensions Width	18-1/8 in.	17-5/16 in.	17-5/16 in.	17-5/16 in.	17-5/16 in.	15-3/4 in.	15-3/4 in.
Height	6-11/32 in.	6-3/16 in.	6-3/16 in.	6-3/16 in.	6-3/16 in.	5-15/32 in.	5-15/32 in.
Depth	18-7/32 in.	16-3/16 in.	16-3/16 in.	16-3/16 in.	16-3/16 in.	11-21/32 in.	11-25/32 in.
Weight	56.9 lbs.	38.6 lbs.	29.8 lbs.	26.4 lbs.	23.6 lbs.	16.8 lbs.	15 lbs.

Specifications subject to change without notice.

Tuners	KT-917	KT-815	KT-615	KT-413	KT-313
FM Section					
SENSITIVITY					
30dB Quieting	10.8dBf (1.9μV)	10.3dBf (1.8μV)	10.3dBf (1.8μV)	10.8dBf (1.9μV)	10.8dBf (1.9μV)
50dB Quieting MONO	15.8dBf (3.4μV)	15.8dBf (3.4μV)	15.8dBf (3.4μV)	17.2dBf (4.0μV)	17.2dBf (4.0μV)
STEREO	37.2dBf (40μV)	37.2dBf (40μV)	37.2dBf (40μV)	37.2dBf (40μV)	38.3dBf (45μV)
Signal-to-Noise Ratio at 65dBf					
MONO	90dB	84dB	81dB	77dB	77dB
STEREO	84dB	80dB	78dB	72dB	72dB
Total Harmonic Distortion					
at 1kHz MONO	0.03% (Wide)	0.04% (Wide)	0.05% (Wide)	0.1%	0.1%
STEREO	0.04% (Wide)	0.05% (Wide)	0.06% (Wide)	0.15%	0.15%
Capture Ratio	0.8dB (Wide)	1.0dB (Wide)	1.0dB (Wide)	1.0dB	1.0dB
Alternate Channel Selectivity	35dB (Wide)	45dB (Wide)	45dB (Wide)	60dB	60dB
	60dB (Normal).				
	60dB (Narrow)	60dB (Narrow)	54dB (Narrow)		
Stereo Separation					
1kHz	60dB (Wide)	55dB (Wide)	55dB (Wide)	50dB	45dB
	55dB (Normal)				
	50dB (Narrow)	49dB (Narrow)	48dB (Narrow)		
50-10kHz	50dB (Wide)	45dB (Wide)	40dB (Wide)	40dB	35dB
	45dB (Normal)				
	40dB (Narrow)	40dB (Narrow)	35dB (Narrow)		
AM Section					
Usable Sensitivity		9μV	13μV	20μV	16μV
Signal-to-Noise Ratio		55dB	50dB	50dB	50dB
Selectivity		38dB	35dB	25dB	25dB
General					
Dimensions Width	18-1/8 in.	17-5/16 in.	17-5/16 in.	15-3/4 in.	15-3/4 in.
Height	6-11/32 in.	6-3/16 in.	6-3/16 in.	5-15/32 in.	5-15/32 in.
Depth	18-7/32 in.	15-27/32 in.	15-27/32 in.	11 in.	11-13/16 in.
Weight	33.1 lbs.	16.7 lbs.	15.8 lbs.	9.26 lbs.	9.5 lbs.

Specifications subject to change without notice.

Remotes & Slimlines	KA-500	KT-500	KR-80	KA-80	KT-80	KA-60	KT-60
Power Amp Section							
Min. RMS Power Output, watts/channel, both channels driven at 8 ohms, 20Hz-20kHz	43 Watts		27 Watts	48 Watts		30 Watts	
with Total Harmonic Distortion no more than	0.1%		0.05%	0.02%		0.08%	
Rise Time/Slew Rate				0.8μS/$\pm$150V/μS			
IM Distortion (at rated power)	0.03%		0.02%	0.0065%		0.08%	
Damping Factor	40		45	120		40	
Pre Amp Section							
Input Sens./Max. Input/ Signal-to-Noise (at 5mV Input)							
PHONO 1	5.0mV/80mV/81dB		5.0mV/160mV/84dB	5.0mV/230mV/92dB		5.0mV/180mV/86dB	
AUX	150mV/—/105dB			150mV/—/106dB		150mV/—/100dB	
TAPE	150mV/—/105dB		150mV/—/105dB	150mV/—/106dB		150mV/—/100dB	
MIC	2.5mV/—/73dB		3.0mV/—/72dB				
FM Tuner Section							
SENSITIVITY							
30dB Quieting		10.8dBf (1.9μV)	10.3dBf (1.8μV)		10.8dBf (1.9μV)		10.8dBf (1.9μV)
50dB Quieting MONO		17.2dBf (4.0μV)	16.1dBf (3.5μV)		15.5dBf (3.3μV)		17.2dBf (4.0μV)
STEREO		38.5dBf (46μV)	37.2dBf (40μV)		37.2dBf (40μV)		37.2dBf (40μV)
S/N Ratio at 65dBf MONO/STEREO		70dB/66dB	75dB/70dB		83dB/80dB		77dB/72dB
Total Harmonic Dist. MONO/STEREO		0.1%/0.15%	0.1%/0.15%		0.07%/0.07%		0.1%/0.2%
Capture Ratio		1.5dB	1.0dB		1.5dB		1.5dB
Alt. Channel Selectivity		60dB	50dB at 400Hz		75dB		60dB
Stereo Separation 1kHz/50-10kHz		50dB/40dB	47dB/35dB		48dB/40dB		45dB/35dB
General							
Inputs and Outputs	PHONO; MIC; AUX; Tape; Spkrs; Phones		PHONO; MIC; 2 Tape; 2 Spkrs; Phones	PHONO; MIC; AUX; Tape; Spkrs; Phones		PHONO; MIC; AUX; Tape; Spkrs; Phones	
Dimensions Width	17-5/16 in.	17-5/16 in.	17-5/16 in.	17-5/16 in.	17-5/16 in.	17-5/16 in.	17-5/16 in.
Height	5-1/4 in.	5-1/4 in.	3-1/16 in.	3-1/16 in.	3-1/16 in.	3-1/16 in.	3-1/16 in.
Depth	11-1/16 in.	11-11/32 in.	13-7/32 in.	13 in.	13-1/8 in.	13-5/16 in.	13-7/16 in.
Weight	16.7 lbs.	9.5 lbs.	13.4 lbs.	17.4 lbs.	9.9 lbs.	12.1 lbs.	9.0 lbs.

Information on Remote accessories provided on page 17.

Information on Slimline accessories provided on page 20.

Cassette Decks	KX-2060	KX-1060	KX-800	KX-600	KX-500	KX-400
Wow and Flutter (WRMS)	0.04%	0.045%	0.045%	0.05%	0.05%	0.05%
	Normal/CrO_2/Metal	Normal/CrO_2/Metal	Normal/CrO_2/Metal	Normal/CrO_2/Metal	Normal/CrO_2/Metal	Normal/CrO_2/Metal
Signal-to-Noise Ratio						
With Dolby*	66dB/69dB/70dB	63dB/65dB/65dB	62dB/64dB/64dB	62dB/64dB/64dB	62dB/64dB/64dB	60dB/62dB/—
Without Dolby*	56dB/59dB/60dB	53dB/65dB/65dB	52dB/54dB/54dB	52dB/54dB/54dB	52dB/54dB/54dB	50dB/52dB/—
Frequency Response						
Optimum	20-18kHz/20-19kHz/ 20-19kHz	20-18kHz/20-19kHz/ 20-19kHz	30-16kHz/30-18kHz/ 30-18kHz	30-16kHz/30-16kHz/ 30-16kHz	30-15kHz/30-16kHz/ 30-16kHz	30-14kHz/30-16kHz/—
±3dB	25-17.5kHz/25-18kHz/ 25-18kHz	30-17kHz/30-18kHz/ 30-18kHz	35-14kHz/35-16kHz/ 35-16kHz	35-14kHz/35-15kHz/ 35-15kHz	40-14kHz/40-15kHz/ 40-15kHz	40-13kHz/40-15kHz/—
Dimensions Width	17-5/16 in.	17-5/16 in.	17-5/16 in.	17-5/16 in.	15-3/4 in.	15-3/4 in.
Height	6 in.	6 in.	5-1/4 in.	5-1/4 in.	5-1/2 in.	5-1/2 in.
Depth	14-7/8 in.	14-7/8 in.	14 in.	11-1/4 in.	11-1/16 in.	11-5/16 in.
Weight	20.5 lbs.	18.5 lbs.	15.0 lbs.	13.0 lbs.	9.5 lbs.	10.8 lbs.

*Dolby is the trademark of Dolby Laboratories, Inc.

Turntables	KD-850	KD-5100	KD-4100	KD-3100	KD-2100	KD-1600
Wow and Flutter (WRMS)	0.022%	0.03%	0.03%	0.03%	0.04%	0.05%
Rumble better than (DIN Weighted)	83dB	75dB	73dB	71dB	67dB	65dB
Dimensions Width	19-5/16 in.	18-1/2 in.	17-5/16 in.	17-5/16 in.	17-5/16 in.	17-5/16 in.
Height	6-15/16 in.	5-9/16 in.	5-1/2 in.	5-1/2 in.	5-5/16 in.	5-1/8 in.
Depth	15-7/8 in.	16 in.	14-3/4 in.	14-3/4 in.	14-3/16 in.	14-5/8 in.
Weight	31.9 lbs.	19.8 lbs.	17.4 lbs.	15.9 lbs.	10.4 lbs.	11.5 lbs.

Specifications subject to change without notice.

Optional Accessories List

Model	Side Panels		Wooden Cabinets		Handles		
Number	B-40	B-80	CB-40K	CB-80K	D-40	D-80	D-90
Amplifiers							
KA-907*							■
KA-801		■		■		■	
KA-701		■		■		■	
KA-601		■		■		■	
KA-501		■		■		■	
KA-405	■		■		■		
KA-305	■		■		■		
Tuners							
KT-917*							■
KT-815		■		■		■	
KT-615		■		■		■	
KT-413	■		■		■		
KT-313	■		■		■		
Cassette Decks							
KX-2060						■	
KX-1060						■	
*Handles packed with unit.							

KA-305 with B-40 wooden side panels.

KA-305 with CB-40K wooden cabinet.

KA-305 with D-40 handles.

June 1980

KENWOOD ELECTRONICS, INC.

1315 E. Watsoncenter Road, Carson, California 90745; 75 Seaview Drive, Secaucus, New Jersey 07094, In Canada: Trio-Kenwood Canada, Inc.

FLC3-6/80 Printed in U.S.A